SEQUENCE LISTING

```
<110> Wei, Zhong-Min
Swanson, Shane S.
Fan, Hao
```

- <120> HYPERSENSITIVE RESPONSE ELICITOR FROM XANTHOMAS CAMPESTRIS
- <130> 21829/101
- <140>
- <141>
- <150> 60/224,053
- <151> 2000-08-09
- <150> 09/412,452
- <151> 1999-10-04
- <150> 60/103,124
- <151> 1998-10-05
- <160> 6
- <170> PatentIn Ver. 2.1
- <210> 1
- <211> 342
- <212> DNA
- <213> Xanthomonas campestris
- <400> 1

```
atggactcta teggaaacaa ettttegaat ateggeaace tgeagaegat gggeateggg 60 eeteageaac acgaggaete eageeageag tegeettegg etggeteega geageagetg 120 gateagttge tegeeatgtt eateatgatg atgetgeaac agageeaggg eagegatgea 180 aateaggagt gtggeaacga eegaacgeag etgatgeag etgatgeag etgatgeag egeeggeatg 240 aegeggtggeg gtteggteaa eageageetg ggeggeaacg ee 342
```

- <210> 2
- <211> 114
- <212> PRT
- <213> Xanthomonas campestris
- <400> 2
- Met Asp Ser Ile Gly Asn Asn Phe Ser Asn Ile Gly Asn Leu Gln Thr

1 5 10 15	
Met Gly Ile Gly Pro Gln Gln His Glu Asp Ser Ser Gln Gln Ser Pr 20 25 30	0
Ser Ala Gly Ser Glu Gln Gln Leu Asp Gln Leu Leu Ala Met Phe Il 35 40 45	е
Met Met Met Leu Gln Gln Ser Gln Gly Ser Asp Ala Asn Gln Glu Cy 50 55 60	s
Gly Asn Glu Gln Pro Gln Asn Gly Gln Gln Glu Gly Leu Ser Pro Le 65 70 75 8	
Thr Gln Met Leu Met Gln Ile Val Met Gln Leu Met Gln Asn Gln Gl 85 90 95	У
Gly Ala Gly Met Gly Gly Gly Ser Val Asn Ser Ser Leu Gly Gl 100 105 110	У
Asn Ala	
<210> 3 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: primer <400> 3	
gatettgeeg ttgeagettt	20
<210> 4 <211> 31 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: primer	
<400> 4 tagcatatgg actctatcgg aaacaacttt t	31

5





408

```
<210> 5
<211> 33
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: primer
<400> 5
aaggateete aggegttgee geeeaggetg etg
                                                                   33
<210> 6
<211> 408
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: probe
<400> 6
aattcggctt taccatatgt atccagttca accacatgag acgggaatca ccatggactc 60
tatcggaaac aacttttcga atatcggcaa cctgcagacg atgggcatcg ggcctcagca 120
acacgaggac tecagecage agtegeette ggetggetee gageageage tggateagtt 180
gctcgccatg ttcatcatga tgatgctgca acagagccag ggcagcgatg caaatcagga 240
gtgtggcaac gaacaaccgc agaacggtca acaggaaggc ctgagtccgt tgacgcagat 300
gctgatgcag atcgtgatgc agctgatgca gaaccagggc ggcgccggca tgggcggtgg 360
```

cggttcggtc aacagcagcc tgggcggcaa cgccggatcc ttaagccg